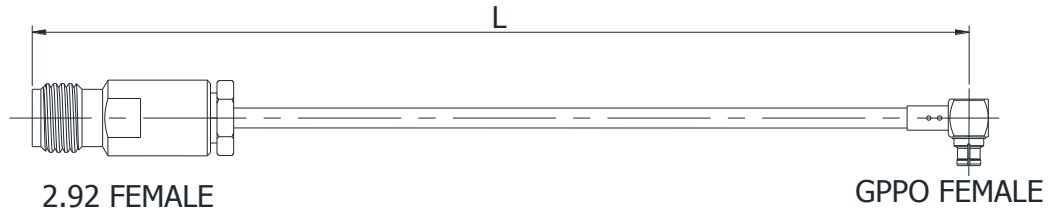


U12 SERIES, FLEXIBLE CABLE,  
2.92MM(FEMALE)-GPPO(MINI-SMP) (FEMALE)

**GAU12-292FGPPWF-XXX**



\* Label and Shrinking tube design depend on customer's request.

<b>Configuration</b>	
Connector 1 Type	2.92mm Female
Connector 1 Body Style	Straight
Body Material and Plating	Passivated Staindless Steel
Connector 1 Mount Method	None
Connector 2 Type	GPPO(Mini-SMP) Female
Connector 2 Body Style	Right Angle
Body Material and Plating	CuBe Gold Plated
Connector 2 Mount Method	None
Cable Type	U12 Series
<b>Electrical Specifications</b>	
Impedance	50 $\Omega$
Frequency	DC to 40 GHz
Return Loss/VSWR	10dB
Phase Stability vs. Flexure	N/A
Amplitude Stability	N/A
Shielding Effectiveness	<-90dB @ 1GHz
Phase Matching	On request
Signal Delay	On request
<b>Environmental Data</b>	
Temperature Range	-40°C to +125°C
2002/95/EC(RoHS)	Compliant

### Cable Specifications

Center Conductor	Silver plated copper
Dielectric	ePTFE
Jacket	FEP
Velocity of propagation(%)	80
Min. bending radius(mm)	10
Jacket Diameter(mm)	1.85

### Part Number List

Part Number	Length [mm]	Insertion Loss ≤(dB)			
		3GHz	6GHz	18GHz	40GHz
GAU12-292FGPPWF-1000	1000±10	2.211	3.148	5.545	8.426
GAU12-292FGPPWF-500	500±5	1.218	1.734	3.048	4.624
GAU12-292FGPPWF-300	300±5	0.821	1.171	2.050	3.130
GAU12-292FGPPWF-200	200±5	0.623	0.885	1.570	2.343
GAU12-292FGPPWF-100	100±5	0.424	0.602	1.051	1.528

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.